

## **Historic, Archive Document**

Do not assume content reflects current scientific knowledge, policies, or practices.



UNITED STATES DEPARTMENT OF AGRICULTURE  
AGRICULTURAL RESEARCH ADMINISTRATION  
BUREAU OF ANIMAL INDUSTRY  
WASHINGTON 25, D. C.

X ANNUAL TURKEY R.O.P. AND R.O.M. SUMMARY,  
- 1949 X

The summary of Turkey U.S.R.O.P. work is published in accordance with the June, 1948 revision of the National Turkey Improvement Plan, which provides that : "The R.O.P. supervisor shall furnish the Bureau of Animal Industry, for publication, a summary of the U.S.R.O.P. and U.S. R.O.M. work under his supervision each year, which shall include the following information for each flock:

For U.S.R.O.P. Candidates:

- (a) Total number of young hens of that particular variety on the farm.
- (b) Number of U.S.R.O.P. candidate matings.
- (c) Number of young hens entered in U.S.R.O.P.
- (d) Number of young hens meeting the U.S.R.O.P. requirements.
- (e) Percentage of young hens entered meeting the U.S.R.O.P. requirements.
- (f) Average rate of (percentage) egg production of all candidate hens.
- (g) Average body weight of all the candidate hens.
- (h) Average hatchability of all eggs set from all the candidate hens.

For U.S.R.O.M. Candidates:

- (a) Number of U.S.R.O.M. candidate matings.
- (b) Number of young hens entered in U.S.R.O.M.
- (c) Number and percentage of young toms entered meeting U.S.R.O.M. requirements.
- (d) Number and percentage of young hens entered meeting U.S.R.O.M. requirements.
- (e) Average rate of (percentage) egg production of all candidate hens.
- (f) Average body weight of all the candidate hens and toms.
- (g) Average hatchability of all eggs set from all the candidate pens.
- (h) Average viability of the progeny from all candidate toms and hens.
- (i) Percentage of Grade A progeny from all candidate toms and hens.

In addition to the above items, the summary shows the pullorum class of each flock as indicated by the abbreviations: PCd - U. S. Pullorum-Controlled; PP - U. S. Pullorum-Passed; PC - U. S. Pullorum-Clean.

## U. S. RECORD OF PERFORMANCE

Breeder's Name and Address	(a) Young Hens on Farm	(b) U.S.R.O.P. Candidate Matings	(c) U.S.R.O.P. Candidate Hens	(d) Hens Qualifying as (e) U.S.R.O.P.		(f) Average Rate of Egg Pro- duction (All Candidates)	(g) Average Body Weight (All Candidates)	(h) Average Hatchability (All Candidates)	Pullorum Class
	No.	No.	No.	No.	%	%	Lbs.	%	

## BROAD BREASTED BRONZE

Batthey Turkey Farm, Floydada, Texas	183	3	33	22	66.6	73.5	20.3	67.6	PC
Bell, H. C., Mankato, Minnesota	80	2	27	15	55.6	60.6	14.4	71.5	PCd
Bill & Marve's Turkey Farm & Hatchery, Zeeland, Michigan	-	20	200	65	32.5	52.9	16.3	62.3	PP
Bingham, Tom, Aubrey, Texas	276	3	47	44	93.6	79.2	22.4	86.2	PC
Bowker, Victor, Porterville, California	758	10	120	13	10.8	63.0	19.0	47.0	PC
Bowlby, Howard, Cornelius, Oregon	792	12	152	55	36.2	73.0	19.0	61.6	PC
Brady, Paul, Paola, Kansas	336	4	40	18	45.0	60.0	21.0	69.0	PP
Browning Turkey Farm, Winchester, Ky.	15,073	72	878	289	32.9	69.5	18.7	54.9	PC
Drummond, D. C., Rockdale, Texas	960	6	68	40	58.8	77.6	20.5	67.5	PC
Durham Turkey Farm, Lebanon, Kentucky	2,461	16	158	42	26.6	65.2	17.5	52.1	PC
Dutchess Turkey Farm, Salt Point, New York	1,200	9	88	42	47.7	67.0	19.3	74.0	PC
Edwards Turkey Hatchery, Springfield, Missouri	-	20	269	168	62.4	49.3	19.2	73.1	PP
Enders Turkey Breeding Farm, Cranbury, N. J.	261	8	73	55	75.3	70.0	19.2	75.6	PP
Field's Turkey Ranch, Burnet, Texas	219	9	90	73	81.1	69.7	20.8	77.7	PC
Finnifrock, Percy, Barnum, Minnesota	850	5	78	24	30.8	67.8	20.3	52.2	PCd
Grant, R. L., Clinton, Washington	700	10	130	47	36.1	58.4	19.9	68.0	PC
Griffin Turkey Ranch, Santa Anna, Texas	150	5	74	52	70.2	61.7	17.3	73.8	PC
Hall Turkey Ranch, Santa Suzanna, California	6,552	40	405	128	31.6	64.0	18.0	58.0	PC
Hill, H. H., Novinger, Missouri	-	20	200	61	30.5	61.0	18.0	56.6	PP
Huntsinger, Curtis, San Fernando, California	488	9	102	81	79.0	69.0	17.0	81.0	PC
Ingersoll, Phil, Michigan Valley, Kansas	1,262	4	60	19	31.7	59.0	20.0	64.0	PP
Janes Bar Nothing Ranch, Austin, Texas	1,021	29	421	284	67.4	66.7	19.7	76.5	PC
Keithley, B. A., Livingston, California	9,333	30	300	242	80.7	64.0	18.5	72.0	PC
Kiger, Paul, Alexandria, Minnesota	410	5	67	16	23.9	57.3	18.2	60.2	PCd
LaVerkin Turkey Breeders, LaVerkin, Utah	11,169	12	163	17	10.4	59.8	20.1	28.0	PC

## U. S. RECORD OF PERFORMANCE (Continued)

Breeder's Name and Address	(a)	(b)	(c)	(d)		(e)	(f)	(g)	(h)	Pullorum Class
	Young Hens on Farm	U.S.R.O.P. Candidate	U.S.R.O.P. Candidate	Hens Qualifying as		U.S.R.O.P.	Average Rate of Egg Pro-	Average Body Weight	Average Hatchability	
	No.	Matings	Hens				duction (All Candidates)	(All Candidates)	(All Candidates)	
				No.	%		%	Lbs.	%	

## BROAD BREASTED BRONZE (Continued)

Lee & Smith Ranch, Midlothian, Texas	1,200	11	128	80	62.5	67.6	18.7	75.8	PC
Luling Foundation, Luling, Texas	3,000	9	106	56	52.8	60.8	18.0	75.0	PP
McDonald Farms, Port Jefferson, New York	-	10	115	4	3.5	9.0*	-	44.0	PC
Nelson, Ole C., Kensington, Minnesota	400	4	48	3	6.3	51.7	19.6	45.6	PC
Newport Turkey Farm & Hatchery, Tangent, Ore.	705	5	60	29	48.3	72.4	18.9	69.5	PC
Nichols, George, Sonoma, California	2,816	15	195	77	39.0	59.0	19.0	65.0	PC
Pecan Springs Turkey Ranch, Lampasas, Texas	120	7	68	28	41.1	61.9	18.4	58.0	PC
Plummer, C. D., East Homer, New York	1,400	5	60	14	23.0	49.0	-	58.0	PC
Potts Turkey Hatchery, Colton, Oregon	908	12	182	16	8.8	52.8	20.3	40.9	PC
River Rest Farms, Shawnee, Oklahoma	-	10	136	117	86.0	69.5	18.8	80.0	PC
Samuelson, Ralph, Mazeppa, Minnesota	975	12	153	64	41.8	67.4	17.9	61.5	PC
Sattler, Mrs. A. W., (Hab-Nab Farm), Monkton, Md.	500	15	225	63	28.0	46.8	17.4	62.3	PC
Shearer, Robert K., Rt. 1, Reinholds, Pa.	764	20	199	79	39.0	57.0	19.0	65.0	PC
Sheen, W. W., Menard, Texas	1,800	30	300	159	53.0	57.6	18.8	66.6	PC
Soderstrom Brothers, Turlock, California	7,334	16	192	88	45.8	70.0	20.0	61.0	PC
Spar Hill Turkey Farm, Chadds Ford, Pa.	1,432	15	237	77	33.0	58.0	19.0	64.0	PC
Stearns, L. C., Wadena, Minnesota	1,180	8	117	74	63.2	66.6	20.7	71.3	PCd
Swanson, Elwood, Turlock, California	4,098	19	219	86	39.3	63.0	20.0	56.5	PC
Thiessen Turkey Hatchery, Rt. 4, Box 1040, Salem, Oregon	726	10	110	67	61.0	69.6	19.2	74.8	PC
Vogelsang, F. W., Cameron, Texas	625	5	51	37	72.5	76.6	20.0	72.5	PC
Welch, J. D., Star, Texas	520	4	45	26	57.7	65.4	20.1	72.1	PC
Westwood, Mr. & Mrs. Ernest, Oroville, Calif.	368	4	55	36	65.5	64.0	18.0	68.0	PC
Wright Brothers, Aitkin, Minnesota	975	8	133	52	39.1	70.7	16.7	58.5	PCd
Wyse Bros. Turkey Farm & Hatchery, Archold, Ohio	3,011	10	119	36	31.3	50.0	19.8	61.1	PCd
AVERAGE PER FLOCK	2,032	13	153	67	43.7	63.9	19.0	64.3	

## U. S. RECORD OF PERFORMANCE (Continued)

Breeder's Name and Address	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	Pullorum Class
	Young Hens on Farm No.	U.S.R.O.P. Candidate Matings No.	U.S.R.O.P. Candidate Hens No.	Hens Qualifying as U.S.R.O.P. No.	U.S.R.O.P. %	Average Rate of Egg Pro- duction (All Candidates) %	Average Body Weight (All Candidates) Lbs.	Average Hatchability (All Candidates) %	

## WHITE HOLLAND

Bell, H. C., Mankato, Minnesota	70	2	29	17	58.6	62.2	12.2	69.5	PCd
Chaumiere Farms, Steelville, Missouri	-	10	120	67	55.8	56.4	15.1	76.1	PP
Ender's Turkey Breeding Farm, Cranbury, N.J.	120	4	32	23	71.8	69.7	12.7	71.5	PP
McDonald Farms, Port Jefferson, New York	-	4	48	8	17.0	23.0*	-	70.0	PC
Plummer, C. D., East Homer, New York	1,408	5	60	13	22.0	59.0	-	49.0	PC
Rosmoore Farms, Peter Crafts, Grasmere, N.H.	676	19	228	88	38.6	50.5	13.9	65.6	PC
Wheeler, A. Hunt, Penn Yan, New York	130	4	37	11	30.0	50.0	-	61.0	PC
AVERAGE PER FLOCK	481	7	79	32	41.0	58.0	13.5	66.1	

## BOURBON RED

Sattler, Mrs. A. W., (Hab Nab Farm), Monkton, Md.	200	6	90	13	14.4	43.8	13.9	62.9	PC
---	-----	---	----	----	------	------	------	------	----

## JERSEY BUFF

Wright Brothers, Aitkin, Minnesota	180	4	66	23	34.8	68.2	12.9	52.4	PCd
------------------------------------	-----	---	----	----	------	------	------	------	-----

## NARRAGANSETT

West & Sons, Stacy, Minnesota	1,500	9	105	6	5.7	64.2	11.2	43.2	PCd
-------------------------------	-------	---	-----	---	-----	------	------	------	-----

## BLACK

Nelson, Ole C., Kensington, Minnesota	60	1	16	4	25.0	66.7	15.2	52.4	PC
---------------------------------------	----	---	----	---	------	------	------	------	----

\* Supervisor reports records affected by faulty traps.



# REGISTER OF MERIT

Name of Breeder	(a)	(b)	(c)		(d)		(e)	(f)		(g)	(h)	(i)	
	U.S.R.O.M. Candidate Matings	U.S.R.O.M. Candidate Hens	Candidate Toms Meeting U.S.R.O.M. Requirements		Candidate Hens Meeting U.S.R.O.M. Requirements		Average Rate of Egg Production (All Cand.)	Average Body Weight (All Candidates)		Average Hatchability (All Candidates)	Average Viability of Progeny	Percentage of Grade A Progeny	
	No.	No.	No.	%	No.	%	%	Toms lbs.	Hens lbs.	%	%	Toms	Hens

## BROAD BREASTED BRONZE

Bill & Marve's Turkey Farm and Hatchery	7	40	5	71.4	27	67.5	67.6	32.0	16.3	75.7	-	58.5	94.3
Browning Turkey Farm	72	878	27	37.5	264	30.1	69.5	31.9	18.7	54.7	92.3	86.6	99.2
Edwards Turkey Hatchery	20	258	17	85.0	132	51.2	72.1	33.4	19.3	73.3	84.3	97.7	99.6
Ender's Turkey Breeding Farm	8	73	2	25.0	26	35.6	70.0	31.8	19.2	75.6	95.0	-	-
Finnifrock, Percy	5	78	1	20.0	14	17.9	67.8	36.9	20.3	52.2	93.3	92.5	96.9
Hill, H. H.	20	200	7	35.0	39	19.5	50.0	34.1	17.9	68.0	83.0	98.7	99.0
River Rest Farms	10	131	10	100.0	112	84.8	69.8	33.7	18.8	80.1	98.0	91.1	98.1
Wright Brothers	8	123	1	12.5	15	12.2	76.5	31.5	16.7	58.5	86.3	90.4	94.0
AVERAGE PER FLOCK	19	223	9	46.7	79	35.2	67.9	33.2	18.4	67.3	90.4	87.9	97.3

## WHITE HOLLAND

Chaumiere Farms	10	120	8	80.0	40	33.3	59.1	29.5	15.1	72.1	95.1	75.6	82.9
Enders Turkey Breeding Farm	4	32	-	-	8	25.0	69.7	22.1	12.7	71.5	95.0	-	-
AVERAGE PER FLOCK	7	76	4	57.1	24	31.6	64.4	25.8	13.9	71.8	95.0	75.6	82.9

Participation in TURKEY R.O.P. and R.O.M. - 1950 (By States)

State	Breeder	Flocks	Candidate		Qualified		Total	
			Matings	Hens	Matings	Hens	Toms	Hens
California	7	7	139	1,435	-	-	139	1,435
Kansas	2	2	6	90	-	-	6	90
Kentucky	1	1	72	720	-	-	72	720
Michigan	1	1	20	200	-	-	20	200
Minnesota	8	11	65	958	-	-	65	958
Missouri	3	3	45	620	9	126	54	746
Nebraska	1	1	6	84	-	-	6	84
New Jersey	1	2	13	135	13	26	13	161
New York	3	4	25	288	-	-	25	288
Ohio	3	3	29	384	-	-	29	384
Oklahoma	2	2	13	182	2	22	15	204
Oregon	4	4	43	571	1	14	44	585
Pennsylvania	3	3	47	566	-	-	47	566
Texas	13	14	128	1,594	26	292	145	1,886
Utah	2	2	2	30	2	6	4	36
Vermont	1	1	4	26	-	-	4	26
Washington	2	2	20	230	-	-	20	230
TOTAL	57	63	677	8,113	53	486	708	8,573

Participation in TURKEY R.O.P. and R.O.M. - 1950 (By Varieties)

Variety	Flocks	Candidate		Qualified		Total	
		Matings	Hens	Matings	Hens	Toms	Hens
Broad Breasted Bronze	48	575	6,896	40	456	599	7,336
White Holland	9	68	800	6	10	68	800
Beltsville Small White	2	9	80	7	20	16	100
Black	1	1	15	-	-	1	15
Buff	1	8	138	-	-	8	138
Narragansett	1	10	100	-	-	10	100
Nebraskan	1	6	84	-	-	6	84
TOTAL	63	677	8,113	53	486	708	8,573



## STATE TURKEY R.O.P. SUPERVISORS

The production records of TURKEY U.S.R.O.P. breeders are submitted to and checked by State R.O.P. supervisors, whose names and addresses are as follows:

California	- R. A. Mueller, California Poultry Improvement Advisory Board, Sacramento
Kansas	- M. E. Jackson, Kansas State College, Manhattan
Kentucky	- J. W. Matthews, Field Manager, Kentucky Poultry Improvement Assn., Lexington
Michigan	- H. C. Zindel, Michigan Poultry Improvement Association, East Lansing
Minnesota	- Roy C. Munson, 611 State Office Building, St. Paul 1
Missouri	- Harold Canfield, Missouri Poultry Improvement Association, Columbia
Nebraska	- J. H. Claybaugh, Nebraska Poultry Improvement Supervisory Board, Lincoln
New Jersey	- B. K. Messersmith, Department of Agriculture, Trenton 8
New York	- F. H. Schaefer, Jr., Poultry Improvement Board of New York, Inc., Ithaca
Ohio	- Howard E. Wildey, Ohio Poultry Improvement Association, Columbus
Oklahoma	- Carl Wick, State Board of Agriculture, Oklahoma City 5
Oregon	- Earl Reitsma, Oregon Department of Agriculture, 208 Poultry Bldg., Corvallis
Pennsylvania	- E. J. Lawless, Jr., Pennsylvania Department of Agriculture, Harrisburg
Texas	- George H. Draper, Texas A & M College, College Station
Utah	- W. R. Jenkins, Utah State College, Logan
Vermont	- H. V. Shute, Vermont Department of Agriculture, Montpelier
Washington	- J. W. Kalkus, Washington Poultry & Turkey Improvement Board, Puyallup

LIBRARY  
NOV 1950  
DEC 1950  
U.S. DEPARTMENT OF AGRICULTURE